Transportation and the Vermont Comprehensive Energy Plan

Sue Minter, Secretary, VT Agency of Transportation
June 30, 2015
Vermont's Comprehensive Energy Plan’s Big Goal: 90% renewable by 2050
GHG Reductions from Transportation

- Vehicles
- Fuels
- VMT
- Vehicle/System Operations
The Vermont Transportation Energy Profile
August 2013

http://vtransplanning.vermont.gov/reports
Top 20 Vehicle Models Registered in Vermont, 2012 (VT DMV 2012)
VT Transit and Rail Ridership

Ridership increased 31% since 2005

Ridership is increased 20% since 2008
Mode Share for All Trip Purposes for Vermonters, 2009
(USDOT, 2010)

- Car: 44.2%
- Truck: 12.6%
- SUV: 18.1%
- Walk: 10.8%
- Van: 9.4%
- Local public transit: 0.3%
- Motorcycle: 0.3%
- Other: 1.1%
- Bicycle: 1.2%
2015 CEP and Transportation – What’s Changed Since 2012?

Multi-State ZEV Action Plan
2015 CEP and Transportation – What’s Changed Since 2012?

**Gallons of Gasoline Sold in Vermont by State Fiscal Year**

- 2005: 359,268,242
- 2014: 316,940,116

**Vermont Vehicle Miles Travelled by Year (in billions)**

- 2005: 7.8
- 2014: 6.8
2015 CEP and Transportation – What’s Changed Since 2012?

TRANSPORTATION & CLIMATE INITIATIVE
Of the Northeast and Mid-Atlantic States
2015 CEP and Transportation – New and Emerging Issues:

- Technology and social media in support of car sharing
- Autonomous vehicles
- Advances in natural gas and fuel cell technologies
2015 CEP and Transportation – We Need Your Help!

✓ Is land use part of your community’s energy discussion? What should the state be doing to encourage the smart growth energy connection?

✓ Would you take the bus if it were available and how much are you willing to pay?

✓ Uber and other ride sharing tools are gaining in popularity. Would you use ridesharing technology if available in VT?

✓ The number of electric vehicles are increasing but we have a long way to go. What should the state be doing to support EV deployment?

✓ How can Vermont lessen its dependence on the gas tax? Are there other transportation revenue sources the state should be pursuing?